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Applicant : L. Bourdev and S. Schiller

Art Unit : 2672

Serial No. : 09/447,024

Examiner : Scott Wallace

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Title : PROCESSING COMPLEX REGIONS OF ILLUSTRATION ARTWORK

Commissioner for Patents

Washington, D.C. 20231

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Response to Office Action Mailed September 11, 2001

Please amend the application as indicated below.

In the specification:

Please replace the paragraph beginning at page 14, line 13 with the following rewritten paragraph:

A₁ -- FIG. 17 shows an illustration 130 of artwork objects 132-142. As shown, many of the objects 132-142 appear clustered near object 138. FIG. 18 shows a mapping of the artwork objects onto an off-screen low-resolution grid 144. The resolution of the grid 144 may be fixed or dynamically determined. Counting the number of objects having an outline in each grid cell can identify complex regions. FIG. 19 shows a count of objects whose paths enter each cell in the low-resolution grid. As shown, grid cell 146 is entered by objects 136-142 and has a value of "4". A threshold can identify those grid cells having highly complex geometry. For example, a user may define any cell having a value of "4" or more as being highly complex. Based on this threshold, a grid cell may be classified as a complex region and rasterized instead of adding objects in the cell into the planar map (as illustrated in FIG. 20). Alternatively, the process may use different techniques to produce a threshold (e.g., set the threshold so that it includes the most complex 5% of grid cells). --

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I hereby certify under 37 CFR §1.8(a) that this correspondence is being deposited with the United States Postal Service as first class mail with sufficient postage on the date indicated below and is addressed to the Commissioner for Patents, Washington, D.C. 20231.

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